

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Elahe Houshmand

GENERAL INFORMATION:

Name:	The Nielsen Company
Address:	7405 Industrial Road Florence, Kentucky 41042
Date application received:	8/1/2006
SIC Code/SIC description:	2752, Commercial Printing, Lithographic
Source ID:	21-015-00082
Source A.I. #:	222
Activity ID:	APE20060001
Permit:	F-06-073

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☒ Area is non-attainment (list pollutants): Ozone, PM_{2.5}

EMISSIONS SUMMARY:

Pollutant	Actual (TPY)	Potential (TPY)	Allowable (TPY)
PM/PM ₁₀	0.053	0.0965	N/A
SO ₂	0.0042	0.0076	N/A
NO _x	0.698	1.27	N/A
CO	0.586	1.067	N/A
VOC	85.4	257	97
Single HAP >9 TPY	NA	NA	9.0
Combined HAP >22.5 TPY	NA	NA	22.5

SOURCE DESCRIPTION:

The Nielsen Company has applied to the Division for Air Quality for a renewal of their permit # F-01-018. The source is in the commercial lithographic printing industry (SIC 2752, Commercial Printing, Lithographic) and is located in Boone county that is classified as an ozone nonattainment area pursuant to Regulation 401 KAR 51:010. The source produces printed papers with web presses and sheetfed presses. The activities at each press include use of inks and fountain solutions during production print runs and use of solvents during cleanup operations. Inks, solvents, and fountain solutions are the major raw materials that generate emissions of volatile organic compounds including low levels of hazardous air pollutants. There is no control on VOC emissions.

EMISSION AND OPERATING CAPS:

1. VOC emissions shall be less than 97 tons during any consecutive twelve (12) month period. Monthly or weekly records to demonstrate compliance with this limitation shall be maintained, and total VOC emissions shall be reported as stated in SECTION D of this permit, F-06-073.
2. HAP emissions shall be less than or equal to 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual limitations shall not exceed during any consecutive twelve (12) month period for the entire source.